

EPA Region 5 Records Ctr.

September 9, 1982

Mr. Miles Morse
USEPA Office Of Solid Waste
401 M. Street S.W.
Washington, D.C. 20460

Re: Petition to exclude pretreated waste water generated by Olin Corporation at East Alton, IL from 40 CFR (261.3(a)(2)(ii) and (261.3(c).

Dear Mr. Morse:

Per your request, analysis of Olin Zone 6 WWTF Emergency Holding Lagoon Sludge has been performed using standard additions procedures for Hexavalent-Chromium, Total Chromium, Nickel and Lead. Attached are analysis results as provided by Environmental Analysis, Inc. These results were phoned to you by the writer on August 25, 1982.

We are confident this information will allow the Agency to grant our petition. Should you, however, have any questions, please don't hesitate to contact this office.

Very truly yours,

M.F. Redington, Chief Energy & Environmental Engineer

Attachments /tec

bcc: M. F. Redington

F. Blaine, Jr.

R. J. Tubbs

L. H. Brookshier

M. L. Roark



Date 10-06-82 Report No. 10523 Lab No. 185-11 P.O. No. EA-SO 2246-E

Mr. Mike Reddington OLIN CORPORATION Brass Division E & E Engineering East Alton, IL 62024

REPORT OF ANALYSIS

Subject: Analysis of waste samples performed in accordance with the Resource Conservation and Recovery Act 40 CFR; 261.24 - Characteristic of EP Toxicity; and Standard Methods for the Examination of Water and Wastewater, 15th Edition, 1980. pH of Samples less than one before analysis performed.

Sample Identification:

#1 - Emergency Holding Lagoon Sludge #3, 3-10-82.

#2 - Emergency Holding Lagoon Sludge #4, 3-10-82.

Results of Analysis:

EP Toxicity, Test Method No. 261.24 261.24

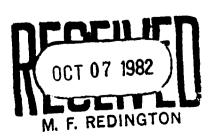
Nickel, mg Ni/l

4.21 4.86

Respectfully submmitted,

R. M. Ferris, Director





MECANOS CONTRACTOR

3278 NO. LINDBERGH FLORISSANT, MO. 63033



PHONE 1-314-921-4488

Date: 9-3-82 Report No. 10341 Lab No. 185-11 P.O. No. EA-SO-3547-B

OLIN CORPORATION Brass Division E & E Engineering East Alton, IL 62024

REPORT OF ANALYSIS

Subject: Analysis of waste samples performed in accordance with the Resource Conservation and Recovery Act 40 CFR; 261. Characteristic of EP Toxicity and Standard Methods for Examination of Water and Wastewater, 15th Edition, 1986 All tests for Metals were performed by the method of Knew Additions on the EP Extract obtained from the Zone 6 Emergency Holding Lagoon Sludge dated March 10, 1982 (Lab. No. 185-11).

Sample Identification:

Results of Analysis:

Lead, (total) mg Pb/1

Chromium (total) ma Cr/1

Chromium (held), mg. Cr/1

Nickel, (tot

#1 - Direct determination of Lead Content.

#2 - Sample diluted 10 ml/25 ml.

 $\ddagger 3 - 10/25$ diluted sample + 0.40 mg Pb/1.

#4 - 10/25 diluted sample + 0.80 mg Pb/1.

1.23 1.20 1.18 4.24 4.38 4.45 4.33

0.04 0.03 0.13 0.03

<0.005 <0.005 <0.005

Respectfx11

R. M. Ferris Director

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